

Patent Abstracts of Japan

PUBLICATION NUMBER : 62264061
 PUBLICATION DATE : 17-11-87

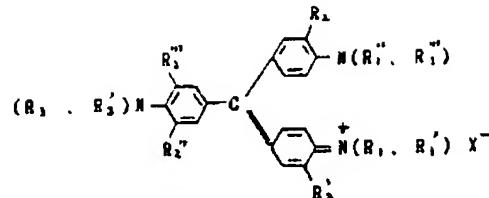
APPLICATION DATE : 12-05-86
 APPLICATION NUMBER : 61106742

APPLICANT : CANON INC;

INVENTOR : TANAKA SHIGETO;

INT.CL. : G03G 5/14

TITLE : ELECTROPHOTOGRAPHIC SENSITIVE BODY



ABSTRACT : PURPOSE: To obtain an electrophotographic sensitive body which decreases dark attenuation and has an excellent electrostatic charge characteristic by incorporating a specific triphenyl methane compd. as a constituting component into an alcohol soluble resin to form an intermediate layer.

CONSTITUTION: The intermediate layer contains the triphenyl methane compd. expressed by the formula sa the constituting element in the alcohol soluble resin. In the formula, R₁, R_{1'}~R_{1''} denote a hydrogen atom or alkyl group, R₂, R_{2'}~R_{2''} denote a hydrogen atom, alkyl group, chlorine atom or nitro group, R₃, R_{3'} denote a hydrogen atom, alkyl group or o-tolyl group, X⁻ denotes Cl⁻ or I⁻ or HSO₄⁻. The carrier injection from a substrate is effectively prevented by such triphenyl methane compd. The dark attenuation and the decrease of the development contrast are thereby decreased and the image having a uniform density and excellent reproducibility of fine lines without having rough feeling is obtd.

COPYRIGHT: (C)1987,JPO&Japio